

FEET TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement
otherwise large entity fees must be paid. See Form PTO/SB/09-10

APR 16 1999

TOTAL AMOUNT OF PAYMENT

\$

Complete if Known

Application Number	09/234,028
Filing Date	January 20, 1999
First Named Inventor	Ronald T. Raines
Group Art Unit	
Examiner Name	
Attorney Docket Number	960296.95360

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 17-0055

Deposit Account Name Quarles & Brady LLP

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION (fees effective 11/10/98)**1. FILING FEE**

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
101	760	201	380	Utility filing fee	
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	760	208	380	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. CLAIMS

Total Claims	14	-20**=	0	X	Fee from below	Fee Paid
Independent Claims	3	-3**=	0	X		
Multiple Dependent Claims						

** or number previously paid, if greater. For reissues see below

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
103	18	203	09	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim
109	78	209	39	**Reissue independent claims over original patent
110	18	210	09	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

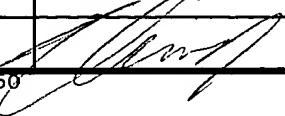
FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee
105	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for reexamination
112	'920	112	'920	Requesting publication of SIR prior to Examiner action
113	'1,840	113	'1,840	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	380	216	190	Extension for reply within second month
117	870	217	435	Extension for reply within third month
118	1,360	218	680	Extension for reply within fourth month
128	1,850	228	925	Extension for reply within fifth month
119	300	219	150	Notice of Appeal
120	300	220	150	Filing a brief in support of an appeal
121	260	221	130	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive unavoidably abandoned application
141	1,210	241	605	Petition to revive unintentionally abandoned application
142	1,210	242	605	Utility issue fee (or reissue)
143	430	243	215	Design issue fee
144	580	244	290	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Petitions related to provisional applications
126	240	126	240	Submission of Information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))
Other fee (specify) _____				
Other fee (specify) _____				
SUBTOTAL (3) (\$)				

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Nicholas J. Seay			Reg. Number	27,386
Signature		Date	April 19, 1999	Deposit Account User ID	

QBMAD180450